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Int. Class Number : D04H 1/42, A61F 13/15, D01F 6/14

Name of Applicant : Kuraray Co. Ltd.

Title: Low temperature water soluble non-woven fabric and
method of manufacturing the same

Claims:

1. A low temperature water soluble non-woven fabric comprising a water soluble polyvinyl alcohol fiber having a melting point of from 170 to 220°C, in which the fiber present in an area of from 3 to 50% of the surface of the non-woven fabric has a flat cross section having a degree of a cross sectional flatness of from 3 to 30, a tearing length of from 0.5 to 5 km and a water dissolving temperature of from 0 to 40 °C.

2. A method of manufacturing a non-woven fabric as defined in claim 1, wherein a web comprising a water soluble polyvinyl alcohol fiber having a melting point of from 170 to 220 °C is press-bonded at a temperature lower by from 20 to 150 °C from the melting point of the fiber and at a linear pressure of from 3 to 100 kg/cm, using a heat emboss roller having a press-fit area ratio of from 3 to 50%.

<p>97-285129/26 A96 D21 F04 (A14) KAOS 95.10.11 KAO CORP *JP 09104617-A 95.10.11 95JP-262721 (97.04.22) A61K 7/50, 7/00 Bathing agent of good shelf stability - has bag of non woven fabric consisting of water soluble polymeric fibre and bathing component C97-091787</p>	<p>A(10-E9B, 12-P2, 12-S5G, 12-V4) D(8-B) F(2-C1, 4-E)</p>
<p>The agent is made of a bag of non-woven fabric or cloth consisting of water-soluble polymeric fibre and bathing component sealed in the bag.</p> <p><u>ADVANTAGE</u> The agent has good shelf stability even if stored under high humidity condition.</p> <p><u>PREFERRED MATERIAL</u> Water-soluble polymeric fibre is polyvinylalcohol fibre. Bathing component is granular, powdery or tablet agent. Cellulose, polyethylene or polypropylene can be used. (CG) (6pp019DwgNo.0/0)</p>	<p>JP 09104617-A</p>